

ORTHOPAEDIC TECHNOLOGY

The Orthopaedic Technology program prepares individuals for employment in clinical and surgical settings assisting the orthopaedic team. Students completing the curriculum will be eligible to sit for the Orthopaedic Technology certification examination. This program also provides necessary background for the supplemental certification.

Students will become proficient in plaster and synthetic casting techniques and applications, removing casts properly applying traction, detect deficiencies in the procedure and supplies, make indicated adjustments for casts, and assist the orthopaedic surgeon in the OR.

Employment opportunities are available in a variety of clinical settings including orthopaedic clinics, hospitals, independent surgical centers, and ambulatory care settings.

Student Learning Outcomes:

- ◆ Identify and apply orthopaedic medical terminology in the clinical setting.
- ◆ Demonstrate administering orthopaedic patient care and assisting the physician.
- ◆ Convey and teach health related information for patient education in the orthopaedic setting.

ORTHOPAEDIC TECHNOLOGY A.A.S. Degree (A45790)

Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
FALL SEMESTER 1						
ACA 115	Success and Study Skills	0	2	0	0	1
ENG 111	Writing and Inquiry	3	0	0	0	3
MAT 110	Math Measurement and Literacy	2	2	0	0	3
OTC 110	Intro to Orthopaedic Technology	3	0	0	0	3
OTC 112	General Patient Care	2	2	0	0	3
OTC 115	Ortho Anatomy and Physiology	3	0	0	0	3
TOTALS		13	6	0	0	16
SPRING SEMESTER 1						
MED 121	Medical Terminology I	3	0	0	0	3
OTC 120	Basic Radiologic Concepts	2	2	0	0	3
OTC 150	Clinical Practice I	0	0	15	0	5
OTC 210	Ortho Equipment	2	3	0	0	3
OTC 215	Casting & Splinting	2	3	0	0	3
	Social/Behavioral Elective	3	0	0	0	3
TOTALS		12	8	15	0	20
FALL SEMESTER 2						
MED 122	Medical Terminology II	3	0	0	0	3
OTC 212	Physical Assessment	2	2	0	0	3
OTC 220	Custom Bracing	2	3	0	0	3
OTC 225	Casting & Splinting II	2	3	0	0	3
OTC 250	Clinical Practice II	0	0	15	0	5
TOTALS		9	8	15	0	17
SPRING SEMESTER 2						
COM 231	Public Speaking	3	0	0	0	3
OTC 260	Clinical Practice III	0	0	24	0	8
OTC 280	Professional Practice	3	0	0	0	3
	Humanities Elective	3	0	0	0	3
TOTALS		9	0	24	0	17
PROGRAM TOTAL						70

Program requirements may change periodically.

ORTHOPAEDIC TECHNOLOGY Diploma (D45790)

Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
FALL SEMESTER 1						
ACA 115	Success and Study Skills	0	2	0	0	1
ENG 115	Oral Communication	3	0	0	0	3
OTC 110	Intro to Orthopaedic Technology	3	0	0	0	3
OTC 112	General Patient Care	2	2	0	0	3
OTC 115	Ortho Anatomy and Physiology	3	0	0	0	3
TOTALS		11	4	0	0	13
SPRING SEMESTER 1						
OTC 120	Basic Radiologic Concepts	2	2	0	0	3
OTC 150	Clinical Practice I	0	0	15	0	5
OTC 210	Ortho Equipment	2	3	0	0	3
OTC 215	Casting & Splinting	2	3	0	0	3
TOTALS		6	8	15	0	14
FALL SEMESTER 2						
OTC 212	Physical Assessment	2	2	0	0	3
OTC 220	Custom Bracing	2	3	0	0	3
OTC 225	Casting & Splinting II	2	3	0	0	3
OTC 250	Clinical Practice II	0	0	15	0	5
TOTALS		6	8	15	0	14
SPRING SEMESTER 2						
OTC 280	Professional Practice	3	0	0	0	3
PSY 118	Interpersonal Psychology	3	0	0	0	3
TOTALS		6	0	0	0	6
DIPLOMA TOTAL						47

ORTHOPAEDIC TECHNOLOGY

Certificate (C45790)

Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
FALL SEMESTER 1						
OTC 110	Intro to Orthopaedic Technology	3	0	0	0	3
OTC 112	General Patient Care	2	2	0	0	3
OTC 115	Ortho Anatomy and Physiology	3	0	0	0	3
TOTALS		8	2	0	0	9
SPRING SEMESTER 1						
OTC 212	Physical Assessment	2	2	0	0	3
OTC 210	Ortho Equipment	2	3	0	0	3
OTC 215	Casting & Splinting	2	3	0	0	3
TOTALS		6	8	0	0	9
CERTIFICATE TOTAL						18